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E7.4-10438.

CR-137421

Monthly Report, March 1974

Contract Number: NAS 9-13303

### Quantitative Determination of Stratospheric Aerosol Characteristics

Skylab data tapes were requested and received in March. These data are necessary for the accurate location of the instrument field of view, that is, the state vector of the sensors. The limb view provides few clues as to its location and no clues when the earth is not in view.

During a trip to Houston March 18 and 19, 1974, the S190 film and preliminary microdensitometer scans of it were reviewed with Dr. J. Potter. The aerosol signature is definitely less than that found on Apollo photographs of the limb. We will withhold conclusions identifying significant results, however, until we have further analyzed the data. The film has not been calibrated. The step wedges that were sent with the film do not correspond with the film.

In the previous two monthly reports, we have indicated that unforeseen difficulties and delays with the data have forced a schedule and budget change. This was acknowledged by Z. Byrns, Contract Monitor. As stated telephonically, however, we do not require additional funds for FY 1974.

(E74-10438) QUANTITATIVE DETERMINATION OF  
STRATOSPHERIC AEROSOL CHARACTERISTICS  
Monthly Report, Mar. 1974 (Boeing Co.,  
Kent, Wash.) 1 p HC \$4.00 CSCL 04A

N74-21963

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63/13 00438